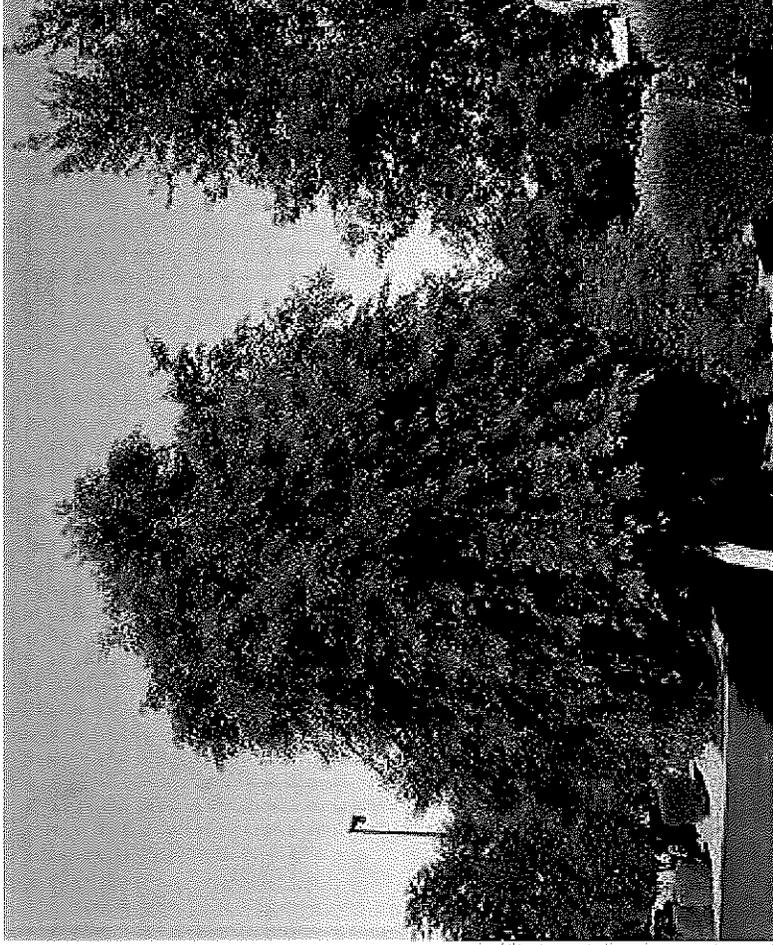


**EXHIBIT D  
MAPS**

**Verrado Community street damaged areas  
Prospector Way east (Red) of Village St. to Court St.  
Prospector Way west (yellow) north Loop**

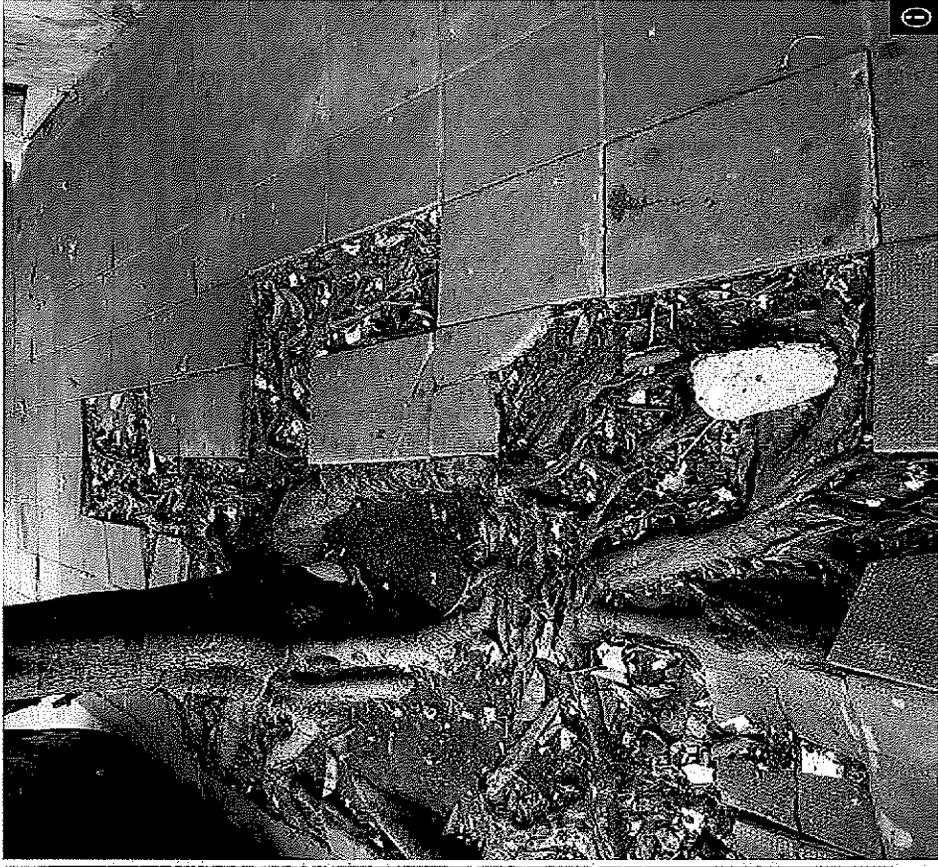


**Dalbergia Sissoo** (Indian Rosewood) is native to India and other middle east countries. Vigorous root system, when shallow watered (sprinklers, bubblers) roots will spread on surface and cause damage.



A sissoo provides a rich canopy of shade but should not be planted near hardscape or foundation.

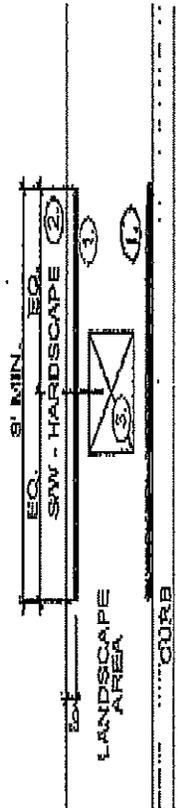
(Photo: Photo by [www.public.asu.edu](http://www.public.asu.edu))



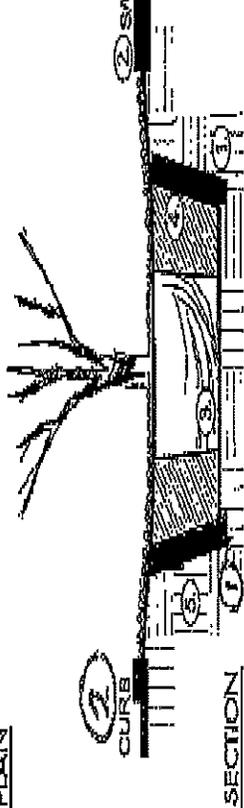
Root barrier designed to be placed during initial planting of tree/s to redirect root growth along with proper watering procedures.

**GENERAL NOTES:**

TREE BARRIERS ARE REQUIRED FOR ALL TREES ALONG PARKWAYS, LANDSCAPE ISLANDS, UNDERGROUND UTILITIES AND NARROW PLANTING AREAS THAT NECESSITATE TREE LOCATIONS WITHIN 5' OF WALLS, WALKS, OR CURBS.



PLAN



SECTION

**NOTES:**

- ① 24" DEEP - 8' LONG - DEEP ROOT BARRIER PANELS TO BE BURIED IN MOULDED PANELS TO BE BURIED IN LANDSCAPE PER MANUFACTURER'S SPECIFICATIONS.
- ② ADJACENT HARDSCAPE TO PROTECT.
- ③ TREE ROOTBALL TO REST ON UNDISTURBED SOIL.
- ④ AMENDED BACKFILL. REFER TO DETAIL A FOR TYPE.
- ⑤ NATIVE SOIL.

**ROOT BARRIER:**  
**MANUFACTURER:** DEEP ROOT  
**MODEL:** #1B-24-2  
**SIZE:** 24" DEEP X 24" WIDE

**8 TREE BARRIER**

**Cause and effect of shallow watering (sprinklers, bubblers) with Sissoo tree on  
Prospector Way**



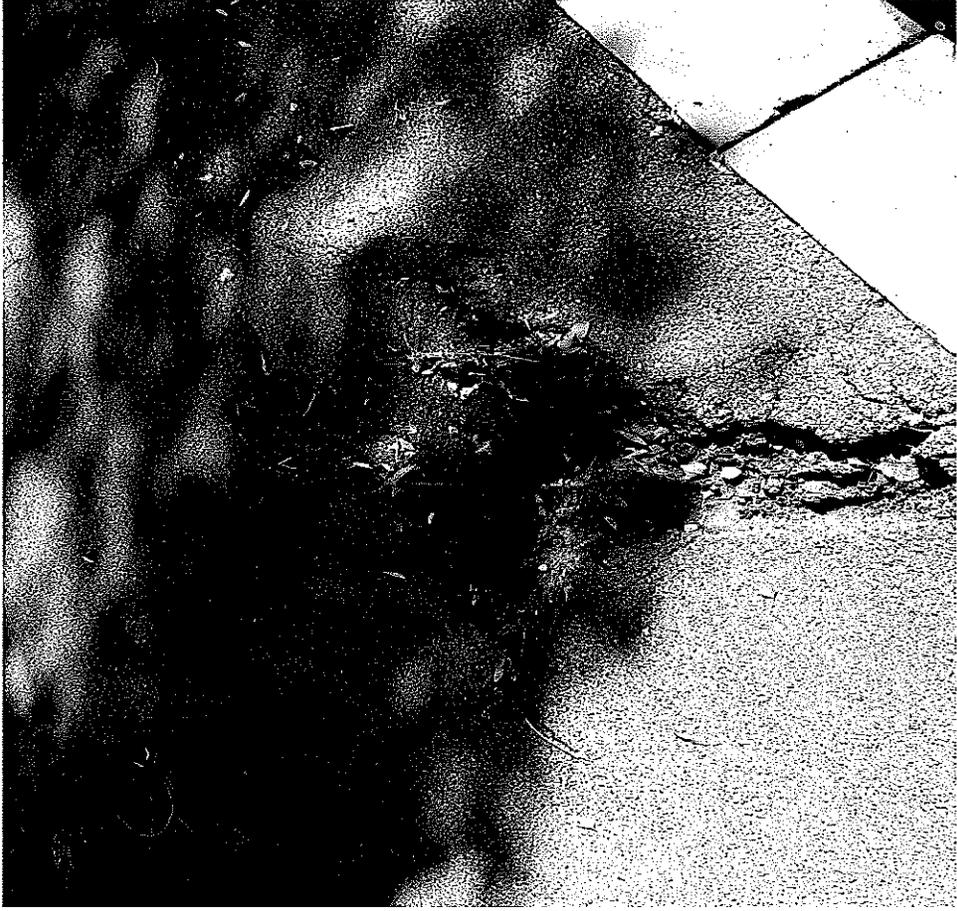
**Prospector Way, east view of street (bottom right)**

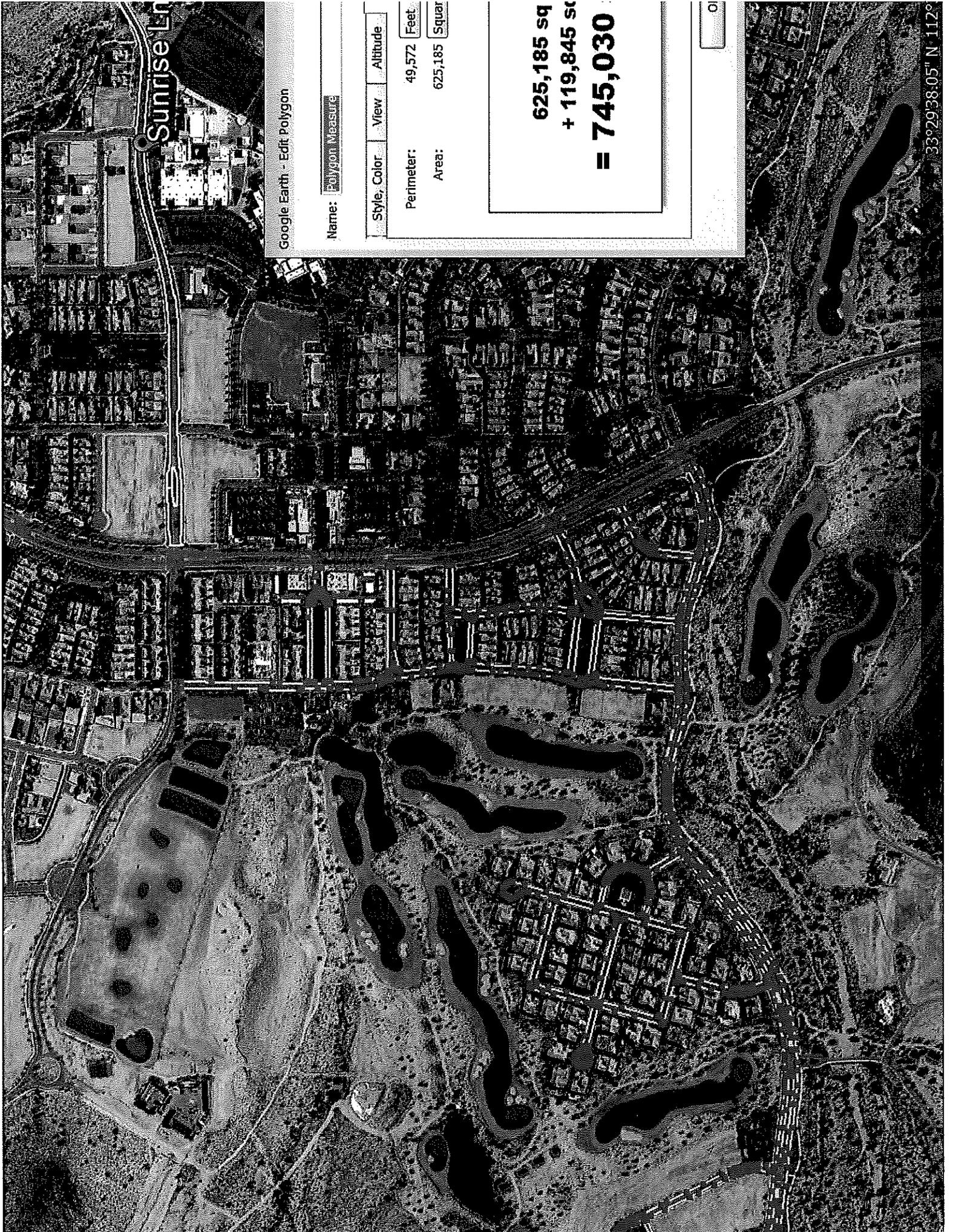


**Street level view of Prospector Way, of asphalt lifting due to tree roots**



**Tree root system pushed through asphalt causing uneven street surface and will eventually cause damage to street sweeper components**





Sunrise Ln

Google Earth - Edit Polygon

Name: Polygon Measure

Style, Color, View, Altitude

Perimeter: 49,572 Feet

Area: 625,185 Squar

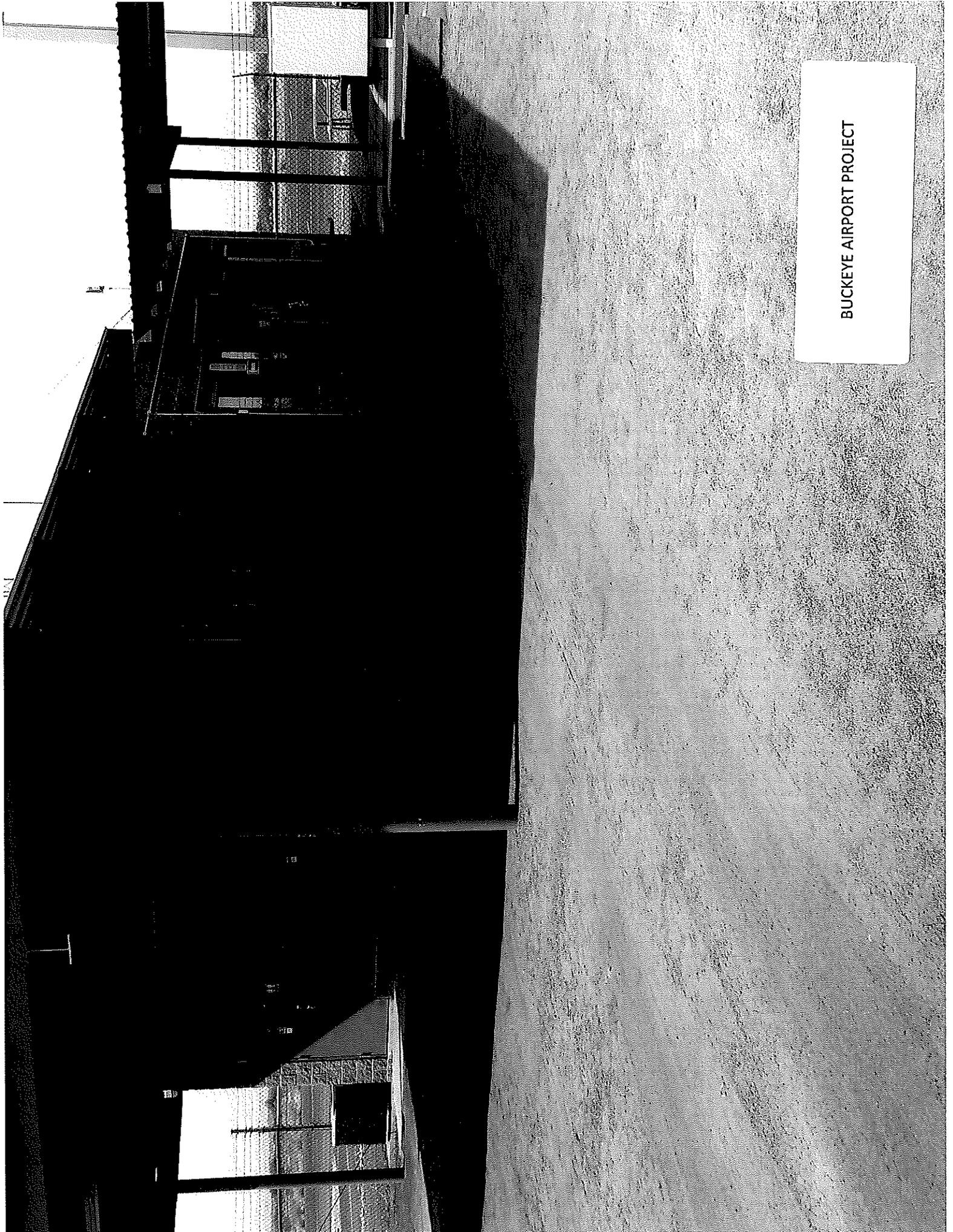
625,185 sq  
+ 119,845 sq  
= 745,030

0

33°29'38.05" N 112°

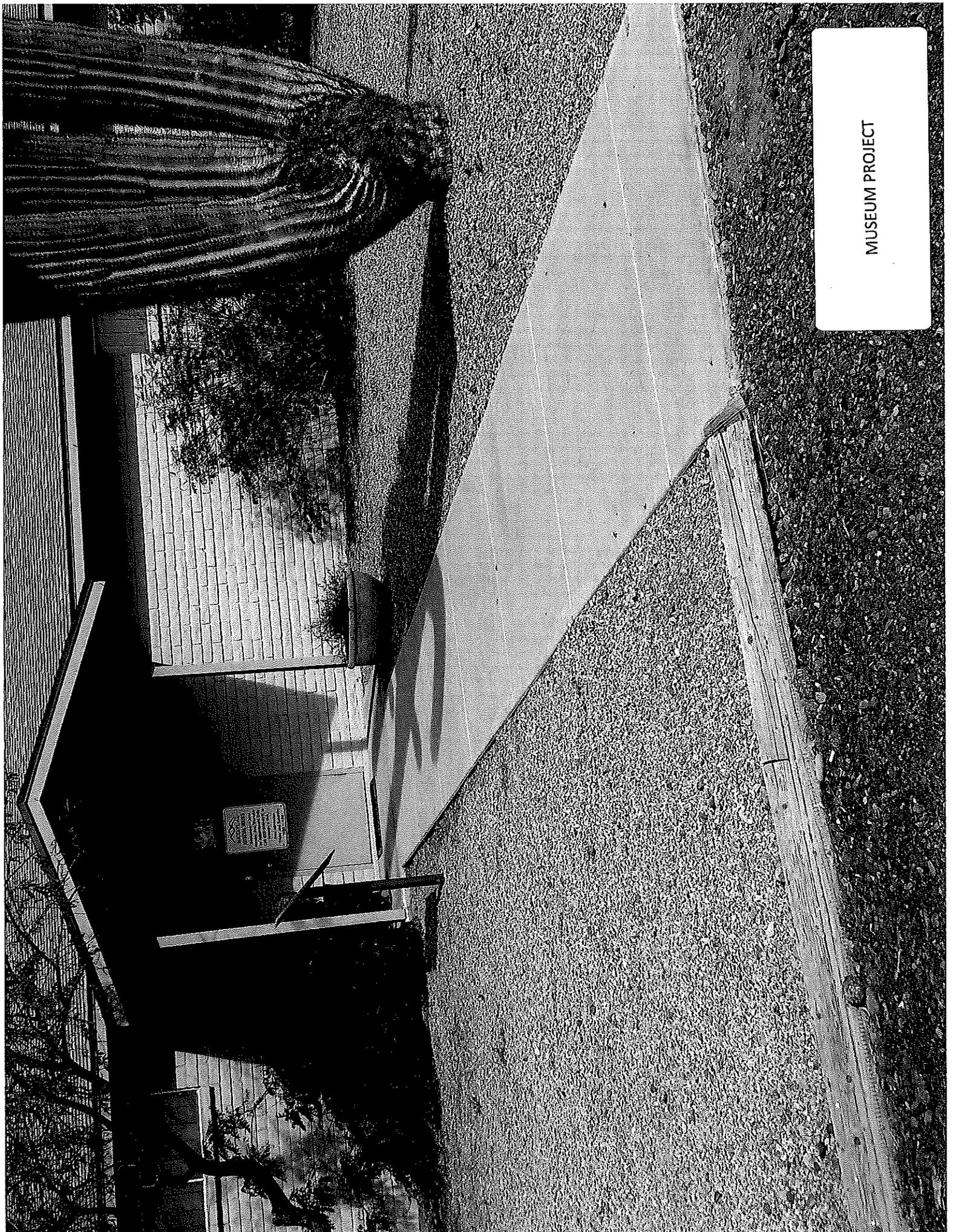


BUCKEYE AIRPORT PROJECT









MUSEUM PROJECT

